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Injury/Violence Prevention

Goal

To reduce the incidence and severity of injuries from unintentional causes, as well as death and disabilities due to violence.

Overview

In 2000, there were 4,005 unintentional injury deaths in Kentucky with an unintentional injury death rate of 46 deaths per 100,000 population, the 14th highest rate in the nation (National Safety Council, 2004). This rate is 29 percent above the national unintentional injury death rate of 35.6 deaths per 100,000. Nonfatal occupational injury and illness incidence rates are also higher at 7.4 non-fatal injuries and illnesses per 100 full-time workers compared with the national rate of 5.7 injuries and illnesses per 100 full-time workers.

In Kentucky, the leading cause of unintentional death by injury is motor vehicle related incidents (21.1 deaths per 100,000 population), followed by poisoning (5.4 deaths per 100,000 population), falls (3.7 deaths per 100,000 population), choking (2.5 deaths per 100,000 population), and fire and burns (2.1 deaths per 100,000).

Summary of Progress

Significant progress has been made for a number of objectives: nonfatal spinal cord injury rates have decreased; safety belt and child restraint usage have increased; suffocations and unintentional drownings have decreased; fire-related and fall-related deaths have decreased; and homicide rates have declined. With regard to surveillance improvements, pilot collection of emergency department data for 10 Kentucky hospitals has started, and child fatality review teams cover about 50 percent of the state. Increased funding is needed to obtain statewide coverage.

Education, increased awareness, and targeted interventions are necessary for a number of 2010 objectives that are unlikely to be met. These include goals for reducing motor vehicle crash and pedestrian deaths, nonfatal motor vehicle crashes, nonfatal head injuries, nonfatal unintentional injuries, firearm-related deaths, and unintentional injury and poisoning deaths. Poisoning death rates have doubled as a consequence of the increase in illicit prescription drug use. A number of objectives related to violence need to be further addressed: child maltreatment, adult forcible rapes, and sexual assault.

Progress toward Achieving Each HK 2010 Objective

Summary of Objectives for Injury /Violence Prevention	Baseline	HK 2010 Target	Mid-Decade Status	Progress	Data Source
7.1R. Reduce to 59 per 100,000 the rate of nonfatal head injuries that are hospitalized.	73.9/ 100,000 (2001)	≤59/ 100,000	70.6/ 100,000 (2003)	No	HOSP
7.2R. Reduce to 4 per 100,000 the rate of nonfatal spinal cord injuries.	6.4/ 100,000 (2001)	≤4/ 100,000	4.3/ 100,000 (2003)	Yes	HOSP
7.3R. Reduce firearm-related deaths to less than 11 per 100,000.	13/ 100,000 (2000)	<11/ 100,000	13.7/ 100,000 (2003)	No	Vital Statistics
7.4. (Developmental) Extend multi-agency, multidisciplinary case review of all unexpected child fatalities (Coroner's cases) among children less than 18 years to all 120 counties.	0 counties reviewed (2000)	120 counties	Approx. 60 counties (2005)	Yes	Vital Statistics and Coroner Report Forms
7.5R. Reduce deaths caused by poisoning to no more than 6.0 per 100,000.	7.1/ 100,000 (2000)	≤6.0/ 100,000	14/ 100,000 (2003)	No	Vital Statistics
7.6R. Reduce deaths caused by suffocation to 4.4 per 100,000.	5.8/ 100,000 (2000)	≤4.4/ 100,000	4.9/ 100,000 (2003)	Yes	Vital Statistics
7.7. (Developmental) Extend the collection of Uniform Hospital data to include emergency departments.	No coverage	Complete coverage	Pilot Testing	Yes	
7.8R. Reduce deaths caused by unintentional injuries to no more than 35 per 100,000 people.	40.9/ 100,000 (2000)	≤35/ 100,000	49.2/ 100,000 (2003)	No	Vital Statistics
7.9R. Reduce nonfatal unintentional injuries so that hospitalizations for this condition are no more than 317 per 100,000.	374.7/ 100,000 (2001)	≤317/ 100,000	387.7/ 100,000 (2003)	No	HOSP
7.10. Reduce deaths caused by motor vehicle crashes to no more than 12 per 100,000 and 1 per 100 million vehicle miles.	16.5/ 100,000 (2000)	≤12/ 100,000	18.8/ 100,000 (2003)	No	Vital Statistics
7.11. Reduce pedestrian deaths on public roads to no more than 1 per 100,000.	1.2/ 100,000 (2000)	≤1/ 100,000	1.3/ 100,000 (2003)	No	Vital Statistics.
7.12. Reduce hospitalizations for non-fatal injuries caused by motor vehicle crashes to 72 per 100,000.	85/ 100,000 (2001)	≤72/ 100,000	85.4/ 100,000 (2003)	No	HOSP
7.13R. Increase use of safety belts to 69 percent of motor vehicle occupants.	60% (2000)	≥69%	66% (2003)	Yes	KY Transportation Center
7.14R. Increase use of child restraints to 96 percent of motor vehicle occupants ages 4 years and younger.	87% (2000)	≥96%	95% (2003)	Yes	KY Transportation Center

R = Revised objective

Progress toward Achieving Each HK 2010 Objective

Summary of Objectives for Injury /Violence Prevention	Baseline	HK 2010 Target	Mid-Decade Status	Progress	Data Source
7.15R. Reduce fire-related deaths to no more than 1.9 per 100,000.	2.2/ 100,000 (2000)	≤1.2/ 100,000	1.8/ 100,000 (2003)	Yes	Vital Statistics
7.16. (DELETED)					
7.17R. Reduce deaths from falls to no more than 3.7 per 100,000.	4.3/ 100,000 (2000)	≤3.3/ 100,000	3.7/ 100,000 (2003)	Yes	Vital Statistics
7.18R. Reduce unintentional drownings to no more than .5 per 100,000.	1.3/ 100,000 (2000)	≤0.5/ 100,000	0.9/ 100,000 (2003)	Yes	Vital Statistics
7.19R. Reduce homicides to less than 4.2 per 100,000 people.	4.9/ 100,000 (2000)	<4.2/ 100,000	4.6/ 100,000 (2003)	Yes	Vital Statistics
7.20R. Reduce to less than 15.9 per 1,000 children the incidence of maltreatment of children younger than age 18.	18.7/ 100,000 (2000)	<15.9/ 100,000	18.3/ 100,000 (2003)	Yes	Child Maltreatment Report
7.21. (Developmental) Reduce to less than 7 per 1,000 the incidence of maltreatment of persons aged 60 and older.	Data not available	<7/1,000	Preliminary data now available	TBD	Dept. for Community Based Services
7.22. (Developmental) Reduce physical abuse by current or former intimate partners to less than 23 per 10,000.	Data not available	<23/ 10,000	Preliminary data now available	TBD	Dept. for Community Based Services
7.23R. Reduce the rate of forced sexual intercourse or attempted forced sexual intercourse of persons aged 18 and older to less than 9.4 per 10,000 persons.	11/ 10,000 (1995)	<9.4/ 10,000	11.9/ 10,000 (2004)	No	Uniform Crime Reports
7.24R. Reduce sexual assault other than rape to less than 0.43 per 1,000 people.	0.5/1,000 (1995)	<0.43/ 1,000	0.52/1,000 (2004)	No	Uniform Crime Reports

R = Revised objective

TBD = To be determined. No reliable data currently exist.